



The option classes listed below will begin trading on the MIA X PEARL Exchange at the start of trading on **Monday, July 24, 2017**.

| Security Symbol | Security Name | Option Class | Price Programs | Expiration Programs | Penny Pilot | Allocation Style | Billing Style | Exchange for Opening | Closing Time | Cloud |
|-----------------|---|--------------|----------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| AAWW | Atlas Air Worldwide Holdings, Inc. | AAWW | \$2.50 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ABEO | Abeona Therapeutics Inc. | ABEO | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ABEV | Ambev S.A. | ABEV | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| ABMD | Abiomed Inc. | ABMD | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ACIW | ACI Worldwide, Inc. | ACIW | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ACLS | Axcelis Technologies Inc. | ACLS | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ACRX | Acelrx Pharmaceuticals Inc. | ACRX | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ACXM | Acxiom Corp. | ACXM | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ADTN | Adtran, Inc. | ADTN | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| AEE | Ameren Corporation | AEE | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| AEG | Aegon N.V. | AEG | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| AGCO | Agco Corporation | AGCO | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| AGRO | Adecoagro S.A. | AGRO | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| AGU | Agrium Inc. | AGU | \$2.50 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| AHT | Ashford Hospitality Trust, Inc. | AHT | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| AI | Arlington Asset Investment Corp. | AI | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| AINV | Apollo Investment Corporation | AINV | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| AJRD | Aerojet Rocketdyne Holdings, Inc. | AJRD | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| ALSK | Alaska Communications Systems Group, Inc. | ALSK | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| AMCX | AMC Networks Inc. | AMCX | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |



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|-----------------|---|--------------|-----------------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| AME | Ametek, Inc. | AME | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| AMN | Amn Healthcare Services, Inc. | AMN | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| AMPE | Ampio Pharmaceuticals Inc. | AMPE | \$1.00, \$1.00 LTO | Standard | No | Price Time | Maker-Taker | AMEX | 4:00 | 1 |
| AMSC | American Superconductor Corp. | AMSC | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ANIP | ANI Pharmaceuticals, Inc. | ANIP | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ANSS | Ansys, Inc. | ANSS | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ANTH | Anthera Pharmaceuticals, Inc. | ANTH | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| APH | Amphenol Corporation | APH | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| APU | Amerigas Partners, L.P. | APU | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| ARAY | Accuray Incorporated | ARAY | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ARCB | Arcbest Corporation | ARCB | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ARCO | Arcos Dorados Holdings Inc. | ARCO | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| AREX | Approach Resources Inc. | AREX | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ARI | Apollo Commercial Real Estate Finance, Inc. | ARI | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| ARII | American Railcar Industries, Inc. | ARII | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ARTX | Arotech Corporation | ARTX | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ARW | Arrow Electronics Inc. | ARW | \$2.50 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| ARWR | Arrowhead Research Corp. | ARWR | \$1.00, \$1.00 LTO | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ASIX | Advansix Inc. | ASIX | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| AST | Asterias Biotherapeutics, Inc. | AST | Standard | Standard | No | Price Time | Maker-Taker | AMEX | 4:00 | 1 |
| ATHX | Athersys, Inc. | ATHX | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ATRS | Antares Pharma Inc. | ATRS | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| ATSG | Air Transport Services Group Inc. | ATSG | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| AVAV | Aerovironment Inc. | AVAV | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| AVID | Avid Technology, Inc. | AVID | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |



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|-----------------|--|--------------|----------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| AVT | Avnet Inc. | AVT | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| AWK | American Water Works Co., Inc. | AWK | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| AYA | Amaya, Inc. | AYA | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| AYR | Aircastle Limited | AYR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 1 |
| AZPN | Aspen Technology, Inc. | AZPN | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 1 |
| BABY | Natus Medical Inc. | BABY | \$2.50 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| BBL | BHP Billiton PLC | BBL | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| BCC | Boise Cascade Company | BCC | \$2.50 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| BCE | BCE Inc. | BCE | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| BCLI | Brainstorm Cell Therapeutics Inc. | BCLI | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| BCO | The Brink's Company | BCO | \$2.50 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| BCR | CR Bard Inc. | BCR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| BDSI | Biodelivery Sciences International, Inc. | BDSI | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| BFR | BBVA Banco Francés SA | BFR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| BGC | General Cable Corp. | BGC | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| BGG | Briggs & Stratton Corporation | BGG | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| BIP | Brookfield Infrastructure Partners L.P. | BIP | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| BLCM | Bellicum Pharmaceuticals, Inc. | BLCM | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| BMA | Banco Macro S.A. | BMA | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| BMCH | BMC Stock Holdings, Inc. | BMCH | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| BNFT | Benefitfocus, Inc. | BNFT | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| BOJA | Bojangles', Inc. | BOJA | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| BPI | Bridgepoint Education, Inc. | BPI | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| BR | Broadridge Financial Solutions, Inc. | BR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |



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|-----------------|---------------------------------------|--------------|--------------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| BRCD | Brocade Communications Systems, Inc. | BRCD | \$1.00, \$1.00 LTO | Standard | Yes | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| BTE | Baytex Energy Corp. | BTE | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| BTX | Biotime, Inc. | BTX | \$1.00 | Standard | No | Price Time | Maker-Taker | AMEX | 4:00 | 2 |
| BVN | Compania De Minas Buenaventura S.A. | BVN | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| BWEN | Broadwind Energy, Inc. | BWEN | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| BWP | Boardwalk Pipeline Partners, L.P. | BWP | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| BWXT | BWX Technologies, Inc. | BWXT | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| BXMT | Blackstone Mortgage Trust, Inc. | BXMT | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| BXP | Boston Properties Inc. | BXP | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CAA | Calatlantic Group, Inc. | CAA | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CAL | Caleres, Inc. | CAL | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CALD | Callidus Software, Inc. | CALD | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CARB | Carbonite, Inc. | CARB | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CATM | Cardtronics, Inc. | CATM | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CBG | CBRE Group Inc. | CBG | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CBM | Cambrex Corporation | CBM | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CCLP | CSI Compressco L.P. | CCLP | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CCP | Care Capital Properties, Inc. | CCP | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CCRN | Cross Country Healthcare, Inc. | CCRN | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CCS | Century Communities, Inc. | CCS | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CDEV | Centennial Resource Development, Inc. | CDEV | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CECO | Career Education Corp. | CECO | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CEO | CNOOC Limited | CEO | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CEVA | Ceva Inc. | CEVA | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |



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|-----------------|--|--------------|----------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| CFR | Cullen/Frost Bankers Inc. | CFR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CFX | Colfax Corporation | CFX | \$2.50 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CHUY | Chuy's Holdings, Inc. | CHUY | \$2.50 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CIA | Citizens Inc. | CIA | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CIG | Companhia Energetica De Minas Gerais - CEMIG | CIG | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CLDT | Chatham Lodging Trust | CLDT | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CLFD | Clearfield, Inc. | CLFD | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CMC | Commercial Metals Company | CMC | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CMP | Compass Minerals International, Inc. | CMP | \$2.50 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CMPR | Cimpres N.V. | CMPR | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CMRX | Chimerix, Inc. | CMRX | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CMTL | Comtech Telecommunication | CMTL | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CNCE | Concert Pharmaceuticals, Inc. | CNCE | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CNK | Cinemark Holdings, Inc. | CNK | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CNNX | Cone Midstream Partners L.P. | CNNX | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| COLM | Columbia Sportswear Co. | COLM | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| COO | Cooper Companies, Inc. | COO | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| COR | Coresite Realty Corporation | COR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| COWN | Cowen Group, Inc. | COWN | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CPG | Crescent Point Energy Corp. | CPG | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CPLP | Capital Product Partners L.P. | CPLP | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CRNT | Ceragon Networks Ltd. | CRNT | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CSTE | Caesarstone Sdot-Yam Ltd. | CSTE | \$2.50 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CSTM | Constellium N.V. | CSTM | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |



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|-----------------|--|--------------|----------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| CSV | Carriage Services, Inc. | CSV | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CTB | Cooper Tire & Rubber Co. | CTB | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CTSO | Cytosorbents Corporation | CTSO | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CUBE | Cubesmart | CUBE | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CVLT | Commvault Systems Inc. | CVLT | \$2.50 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CXRX | Concordia Healthcare Corp. | CXRX | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CYD | China Yuchai International Limited | CYD | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| CYTK | Cytokinetics, Incorporated | CYTK | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 2 |
| CZZ | Cosan Limited | CZZ | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 2 |
| DBD | Diebold, Incorporated | DBD | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| DCP | DCP Midstream, L.P. | DCP | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| DDC | Dominion Diamond Corporation | DDC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| DDM | ProShares Ultra Dow30 | DDM | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 3 |
| DFT | Dupont Fabros Technology, Inc. | DFT | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| DLNG | Dynagas Lng Partners L.P. | DLNG | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| DLTH | Duluth Holdings Inc. | DLTH | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| DNOW | Now, Inc. | DNOW | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| DOG | Proshares Short Dow30 | DOG | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 3 |
| DOX | Amdocs Ltd. | DOX | \$2.50 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| DPLO | Diplomat Pharmacy, Inc. | DPLO | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| DRN | Direxion Daily Real Estate Bull 3x ETF | DRN | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 3 |



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|-----------------|---|--------------|----------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| DTE | DTE Energy Company | DTE | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| ECHO | Echo Global Logistics, Inc. | ECHO | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| ECR | Eclipse Resources Corporation | ECR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| ECYT | Endocyte Inc. | ECYT | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| EDAP | EDAP TMS S.A. | EDAP | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| EDZ | Direxion Daily MSCI Em Mkts Bear 3X ETF | EDZ | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 3 |
| EFII | Electronics For Imaging, Inc. | EFII | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| ENLK | Enlink Midstream Partners, L.P. | ENLK | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| ENT | Global Eagle Entertainment Inc. | ENT | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| ENTG | Entegris, Inc. | ENTG | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| ENV | Envestnet, Inc. | ENV | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| ENZ | Enzo Biochem Inc. | ENZ | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| EPR | EPR Properties | EPR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| ERI | Eldorado Resorts, Inc. | ERI | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| ERII | Energy Recovery Inc. | ERII | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| ES | Eversource Energy | ES | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| ESNT | Essent Group Ltd. | ESNT | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| ETH | Ethan Allen Interiors Inc. | ETH | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| EV | Eaton Vance Corp. | EV | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| EVR | Evercore Partners Inc. | EVR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| EWI | iShares MSCI Italy Capped ETF | EWI | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 3 |
| EWM | iShares MSCI Malaysia ETF | EWM | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 3 |
| EWP | iShares MSCI Spain Capped ETF | EWP | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 3 |



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| EWS | iShares MSCI Singapore Capped ETF | EWS | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 3 |
| EXR | Extra Space Storage Inc. | EXR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| EZA | iShares MSCI South Africa ETF | EZA | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 3 |
| FBC | Flagstar Bancorp Inc. | FBC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| FBHS | Fortune Brands Home & Security Inc. | FBHS | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| FBR | Fibria Celulose S.A. | FBR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| FC | Franklin Covey Co. | FC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| FCH | Felcor Lodging Trust Incorporated | FCH | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| FDN | First Trust Dow Jones Internet ETF | FDN | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 3 |
| FDS | Factset Research Systems | FDS | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| FELP | Foresight Energy L.P. | FELP | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| FH | Form Holdings Corp. | FH | Standard | Standard | Yes | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| FHN | First Horizon National Corp. | FHN | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| FIS | Fidelity National Information Services, Inc. | FIS | Standard | Standard | Yes | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| FISV | Fiserv Inc. | FISV | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| FIVN | Five9, Inc. | FIVN | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| FLIR | Flir Systems Inc. | FLIR | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| FLS | Flowserve Corp. | FLS | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| FMX | Fomento Economico Mexicano, S.A.B. De C.V. | FMX | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| FORM | Formfactor Inc. | FORM | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| FPRX | Five Prime Therapeutics, Inc. | FPRX | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| FRC | First Republic Bank | FRC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |



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|-----------------|--|--------------|----------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| FSC | Fifth Street Finance Coporation | FSC | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 3 |
| FTAI | Fortress Transportation And Infrastructure Investors LLC | FTAI | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| FUN | Cedar Fair, L.P. | FUN | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 3 |
| FXA | CurrencyShares Australian Dollar ETF | FXA | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 3 |
| FXF | CurrencyShares Swiss Franc ETF | FXF | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 3 |
| FXP | Proshares Ultrashort FTSE China 50 | FXP | Idx Link | Standard | Yes | Price Time | Maker-Taker | NYSE Arca | 4:00 | 3 |
| GASL | Direxion Daily Nat Gas Rltd Bull 3x ETF | GASL | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 4 |
| GATX | Gatx Corporation | GATX | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| GEF | Greif, Inc. | GEF | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| GLOG | Gaslog Ltd. | GLOG | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| GLOP | Gaslog Partners L.P . | GLOP | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| GMED | Globus Medical, Inc. | GMED | \$2.50 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| GNCMA | General Communication, Inc. | GNCMA | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 4 |
| GNRT | Gener8 Maritime Inc. | GNRT | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| GOGL | Golden Ocean Group Limited | GOGL | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 4 |
| GPI | Group 1 Automotive Inc. | GPI | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| GPK | Graphic Packaging Holding Co. | GPK | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| GSM | Globe Specialty Metals Inc. | GSM | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 4 |
| GST | Gastar Exploration Inc. | GST | \$1.00 | Standard | No | Price Time | Maker-Taker | AMEX | 4:00 | 4 |
| GTT | GTT Communications, Inc. | GTT | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| GV | Goldfield Corp. | GV | Standard | Standard | No | Price Time | Maker-Taker | AMEX | 4:00 | 4 |



| Security Symbol | Security Name | Option Class | Price Programs | Expiration Programs | Penny Pilot | Allocation Style | Billing Style | Exchange for Opening | Closing Time | Cloud |
|-----------------|-------------------------------------|--------------|----------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| GVA | Granite Construction Inc. | GVA | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| GWRE | Guidewire Software, Inc. | GWRE | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| HABT | Habit Restaurants, Inc. | HABT | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 4 |
| HAWK | Blackhawk Network Holdings, Inc. | HAWK | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 4 |
| HBM | Hudbay Minerals, Inc. | HBM | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| HDSN | Hudson Technologies, Inc. | HDSN | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 4 |
| HEES | H&E Equipment Services, Inc. | HEES | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 4 |
| HHC | The Howard Hughes Corporation | HHC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| HII | Huntington Ingalls Industries, Inc. | HII | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| HK | Halcon Resources Corporation | HK | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| HLS | Healthsouth Corp. | HLS | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| HLTH | Nobilis Health Corp. | HLTH | Standard | Standard | No | Price Time | Maker-Taker | AMEX | 4:00 | 4 |
| HMC | Honda Motor Company Ltd. | HMC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| HRI | Herc Holdings Inc. | HRI | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| HRS | Harris Corporation | HRS | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| HSC | Harsco Corporation | HSC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| HSIC | Henry Schein, Inc. | HSIC | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 4 |
| HTGC | Hercules Capital, Inc. | HTGC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| HTHT | China Lodging Group, Limited | HTHT | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 4 |
| HUBG | Hub Group, Inc. | HUBG | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 4 |
| HUBS | Hubspot, Inc. | HUBS | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| HXL | Hexcel Corporation | HXL | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 4 |
| HYGS | Hydrogenics Corporation | HYGS | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 4 |
| IDT | IDT Corporation | IDT | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| IDXX | Idexx Laboratories, Inc. | IDXX | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| IEP | Icahn Enterprises, L.P. | IEP | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |



| Security Symbol | Security Name | Option Class | Price Programs | Expiration Programs | Penny Pilot | Allocation Style | Billing Style | Exchange for Opening | Closing Time | Cloud |
|-----------------|---|--------------|----------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| IFF | International Flavors & Fragrances Inc. | IFF | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| IJH | iShares Core S&P Mid-Cap ETF | IJH | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 5 |
| INDL | Direxion Daily MSCI India Bull 3x ETF | INDL | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 5 |
| INGN | Inogen, Inc. | INGN | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| INGR | Ingredion Incorporated | INGR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| INOV | Inovalon Holdings, Inc. | INOV | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| INSG | Inseego Corporation | INSG | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| INWK | Innerworkings, Inc. | INWK | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| IPGP | IPG Photonics Corp. | IPGP | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| IPXL | Impax Laboratories, Inc. | IPXL | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| IRWD | Ironwood Pharmaceuticals Inc. | IRWD | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| ITEK | Inotek Pharmaceuticals Corp. | ITEK | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| IVR | Invesco Mortgage Capital Inccom | IVR | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| IVV | iShares Core S&P 500 | IVV | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 5 |
| IVW | iShares S&P 500 Growth ETF | IVW | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 5 |
| IWN | iShares Russell 2000 Value ETF | IWN | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:15 | 5 |
| IWO | iShares Russell 2000 Growth ETF | IWO | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:15 | 5 |
| JAKK | Jakks Pacific, Inc. | JAKK | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| JJC | iPath Bloomberg Copper SubTR ETN | JJC | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:15 | 5 |
| JJG | iPath Bloomberg Grains SubTR ETN | JJG | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 5 |
| JLL | Jones Lang Lasalle Incorporated | JLL | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |



| Security Symbol | Security Name | Option Class | Price Programs | Expiration Programs | Penny Pilot | Allocation Style | Billing Style | Exchange for Opening | Closing Time | Cloud |
|-----------------|--|--------------|-------------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| KEP | Korea Electric Power Corp. | KEP | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| KEYS | Keysight Technologies Inc. | KEYS | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| KMT | Kennametal Inc. | KMT | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| KNX | Knight Transportation, Inc. | KNX | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| KOLD | ProShares UltraShort Bloomberg Natrl Gas | KOLD | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 5 |
| KPTI | Karyopharm Therapeutics, Inc. | KPTI | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| KRNY | Kearny Financial Corp. | KRNY | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| KRO | Kronos Worldwide, Inc. | KRO | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| LAD | Lithia Motors Inc. | LAD | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| LAMR | Lamar Advertising Company | LAMR | \$1.00, \$2.50 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| LAYN | Layne Christensen Company | LAYN | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| IOVA | Iovance Biotherapeutics, Inc. | IOVA | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| LBTYK | Liberty Global PLC | LBTYK | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| LDL | Lydall, Inc. | LDL | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| LFGR | Leaf Group Ltd. | LFGR | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| LGCY | Legacy Reserves L.P. | LGCY | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| LGND | Ligand Pharmaceuticals Inc. | LGND | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| LH | Laboratory Corp. of Amer Hldg | LH | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| LILA | Lilac Group | LILA | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| LLL | L-3 COMMUNICATIONS | LLL | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| LN | Line Corporation | LN | \$2.50 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| LNCE | Snyder's-Lance, Inc. | LNCE | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| LOPE | Grand Canyon Education, Inc. | LOPE | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| LPCN | Lipocine Inc. | LPCN | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 5 |
| LPL | LG Display Co., Ltd. | LPL | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |



| Security Symbol | Security Name | Option Class | Price Programs | Expiration Programs | Penny Pilot | Allocation Style | Billing Style | Exchange for Opening | Closing Time | Cloud |
|-----------------|--|--------------|----------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| LW | Lamb Weston Holdings, Inc. | LW | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| LXU | LSB Industries Inc. | LXU | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 5 |
| MAA | Mid-America Apartment Communities Inc. | MAA | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| MAG | Mag Silver Corp. | MAG | Standard | Standard | No | Price Time | Maker-Taker | AMEX | 4:00 | 6 |
| MAIN | Main Street Capital Corporation | MAIN | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| MANH | Manhattan Associates Inc. | MANH | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 6 |
| MANU | Manchester United PLC | MANU | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| MB | Mindbody, Inc. | MB | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 6 |
| MBT | Mobile Tele Systems OJSC | MBT | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| MCEP | Mid Con Energy Partners L.P. | MCEP | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 6 |
| MDC | M.D.C. Holdings Inc. | MDC | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| MDP | Meredith Corporation | MDP | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| MDSO | Medidata Solutions, Inc. | MDSO | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 6 |
| MKSI | MKS Instruments, Inc. | MKSI | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 6 |
| MMC | Marsh & McLennan Inc. | MMC | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| MMLP | Martin Midstream Partners L.P. | MMLP | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 6 |
| MMYT | MakeMyTrip Ltd. | MMYT | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 6 |
| MSG | The Madison Square Garden Co. | MSG | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| MSGN | MSG Networks, Inc. | MSGN | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| MTH | Meritage Homes Corporation | MTH | \$2.50 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| MUB | iShares National Muni Bond ETF | MUB | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 6 |
| MUSA | Murphy USA Inc. | MUSA | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| MWA | Mueller Water Products, Inc. | MWA | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| MXL | Maxlinear, Inc. | MXL | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| NANO | Nanometrics Incorporated | NANO | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 6 |
| NCMI | National Cinenedia Inc. | NCMI | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 6 |



| Security Symbol | Security Name | Option Class | Price Programs | Expiration Programs | Penny Pilot | Allocation Style | Billing Style | Exchange for Opening | Closing Time | Cloud |
|-----------------|---------------------------------|--------------|----------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| NCS | NCI Building Systems, Inc. | NCS | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| NDRM | Neuroderm Ltd. | NDRM | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 6 |
| NFG | National Fuel Gas Company | NFG | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| NGG | National Grid PLC | NGG | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| NHTC | Natural Health Trends Corp. | NHTC | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 6 |
| NI | Nisource, Inc. | NI | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| NOG | Northern Oil And Gas Inc. | NOG | \$1.00 | Standard | No | Price Time | Maker-Taker | AMEX | 4:00 | 6 |
| NRP | Natural Resource Partners L.P. | NRP | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| NSH | Nustar GP Holdings LLC | NSH | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| NSU | Nevsun Resources Ltd. | NSU | Standard | Standard | No | Price Time | Maker-Taker | AMEX | 4:00 | 6 |
| NTRS | Northern Trust Corporatio | NTRS | \$2.50 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 6 |
| NUVA | Nuvasive, Inc. | NUVA | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 6 |
| NVGS | Navigator Holdings Ltd. | NVGS | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| NWSA | News Corporation | NWSA | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 6 |
| NYLDA | NRG Yield, Inc. | NYLDA | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| NYT | New York Times Company | NYT | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 6 |
| OA | Orbital Atk, Inc. | OA | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| OAK | Oaktree Capital Group LLC | OAK | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| ODFL | Old Dominion Freight Line | ODFL | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| OFG | OFG Bancorp | OFG | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| OMED | Oncomed Pharmaceuticals, Inc. | OMED | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| OMEX | Odyssey Marine Exploration Inc. | OMEX | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| ONCE | Spark Therapeutics, Inc. | ONCE | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| ONDK | On Deck Capital, Inc. | ONDK | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| OPB | Opus Bank | OPB | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| ORA | Ormat Technologies, Inc. | ORA | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| ORBK | Orbotech Ltd. | ORBK | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| ORC | Orchid Island Capital, Inc. | ORC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |



| Security Symbol | Security Name | Option Class | Price Programs | Expiration Programs | Penny Pilot | Allocation Style | Billing Style | Exchange for Opening | Closing Time | Cloud |
|-----------------|-----------------------------------|--------------|----------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| OSUR | Orasure Technologies Inc. | OSUR | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| OXM | Oxford Industries, Inc. | OXM | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| OZM | Och-Ziff Capital Management Group | OZM | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| PAG | Penske Automotive Group Inc. | PAG | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| PBPB | Potbelly Corporation | PBPB | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| PBT | Permian Basin Royalty Trust | PBT | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| PCG | PG & E Corp. | PCG | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| PCH | Potlatch Corporation | PCH | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| PCOM | Points International Ltd. | PCOM | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| PDLI | PDL Biopharma | PDLI | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| PEIX | Pacific Ethanol, Inc. | PEIX | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| PFF | iShares US Preferred Stock | PFF | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 7 |
| PFG | Principal Financial Group, Inc. | PFG | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| PGH | Pengrowth Energy Corporation | PGH | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| PKX | POSCO | PKX | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| PLAB | Photronics Inc. | PLAB | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| PRAH | PRA Health Sciences, Inc. | PRAH | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| PRKR | Parkervision Inc. | PRKR | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| PRLB | Proto Labs Inc. | PRLB | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| PRTA | Prothena Corporation PLC | PRTA | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| PSDV | Psivida Corporation | PSDV | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| PTR | Petrochina Co. Ltd. | PTR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| PXLW | Pixelworks, Inc. | PXLW | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| QSII | Quality Systems, Inc. | QSII | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| QUAD | Quad/Graphics, Inc. | QUAD | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| QUIK | Quicklogic Corporation | QUIK | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| RAIL | Freight Car America Inc. | RAIL | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |



| Security Symbol | Security Name | Option Class | Price Programs | Expiration Programs | Penny Pilot | Allocation Style | Billing Style | Exchange for Opening | Closing Time | Cloud |
|-----------------|---|--------------|----------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| RBA | Ritchie Bros. Auctioneers Incorporated | RBA | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| RDI | Reading International Inc. | RDI | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| REM | iShares Mortgage Real Estate Capped ETF | REM | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 7 |
| REV | Revlon, Inc. | REV | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| RGC | Regal Entertainment Group | RGC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| RIC | Richmont Mines Inc. | RIC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| RMD | Resmed, Inc. | RMD | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| ROL | Rollins, Inc. | ROL | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| ROYT | Pacific Coast Oil Trust | ROYT | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| RPD | Rapid7, Inc. | RPD | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| RPM | RPM International, Inc. | RPM | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| RPRX | Repros Therapeutics Inc. | RPRX | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 7 |
| RSO | Resource Capital Corp. | RSO | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| RSP | Guggenheim S&P 500 Equal Weight ETF | RSP | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 7 |
| RST | Rosetta Stone Inc. | RST | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| RUBI | The Rubicon Project, Inc. | RUBI | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| RUSS | Direxion Daily Russia Bear 3x ETF | RUSS | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 7 |
| RXN | Rexnord Corporation | RXN | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 7 |
| SB | Safe Bulkers Inc. | SB | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SBH | Sally Beauty Holdings Inc. | SBH | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SBNY | Signature Bank | SBNY | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| SBRA | Sabra Health Care Reit, Inc. | SBRA | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| SBS | Companhia De Saneamento Basico Do Estado De Sao Paulo | SBS | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SCG | Scana Corp. | SCG | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |



| Security Symbol | Security Name | Option Class | Price Programs | Expiration Programs | Penny Pilot | Allocation Style | Billing Style | Exchange for Opening | Closing Time | Cloud |
|-----------------|--|--------------|-----------------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| SCHN | Schnitzer Steel Industries, Inc. | SCHN | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| SCI | Service Corporation International | SCI | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SCMP | Sucampo Pharmaceuticals, Inc. | SCMP | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| SDLP | Seadrill Partners LLC | SDLP | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SEP | Spectra Energy Partners L.P. | SEP | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SF | Stifel Financial Corp. | SF | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SFUN | Soufun Holdings Ltd. | SFUN | \$1.00, \$1.00 LTO | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SGG | iPath Bloomberg Sugar Sub TR ETN | SGG | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 8 |
| SHLM | A. Schulman, Inc. | SHLM | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| SHLX | Shell Midstream Partners, L.P. | SHLX | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SIEN | Sientra, Inc. | SIEN | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| SIR | Select Income Reit | SIR | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| SIVR | ETFs Physical Silver | SIVR | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 8 |
| SLAB | Silicon Laboratories Inc. | SLAB | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| SLG | SI Green Realty Corp. | SLG | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SMCI | Super Micro Computer, Inc. | SMCI | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| SNAK | Inventure Foods, Inc. | SNAK | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| SNR | New Senior Investment Group Inc. | SNR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SNX | Synnex Corporation | SNX | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SONS | Sonus Networks Inc. | SONS | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| SOXS | Direxion Daily Semiconductor Bear 3x ETF | SOXS | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 8 |
| SPA | Sparton Corp. | SPA | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SPHS | Sophiris Bio, Inc. | SPHS | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |



| Security Symbol | Security Name | Option Class | Price Programs | Expiration Programs | Penny Pilot | Allocation Style | Billing Style | Exchange for Opening | Closing Time | Cloud |
|-----------------|--|--------------|----------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| SPLV | PowerShares S&P 500 Low Volatility ETF | SPLV | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 8 |
| SPR | Spirit Aerosystems Holdings Inc. | SPR | \$2.50 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SPWH | Sportsman's Warehouse Holdings, Inc. | SPWH | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| SSI | Stage Stores Inc. | SSI | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SSNI | Silver Spring Networks, Inc. | SSNI | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| STAR | Istar Financial Inc. | STAR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| STAY | Extended Stay America, Inc. | STAY | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| STKL | Sunopta Inc. | STKL | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| STO | Statoil ASA | STO | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SUM | Summit Materials, Inc. | SUM | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| SXC | Suncoke Energy, Inc. | SXC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| TA | Travelcenters Of America LLC | TA | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| TAN | Guggenheim Solar ETF | TAN | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 8 |
| TCAP | Triangle Capital Corporation | TCAP | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| TCBI | Texas Capital Bancshares, Inc. | TCBI | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| TCX | Tucows, Inc. | TCX | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| TECD | Tech Data Corp. | TECD | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| TECL | Direxion Daily Technology Bull 3x ETF | TECL | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 8 |
| TELL | Tellurian Inc. | TELL | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| TEP | Tallgrass Energy Partners, L.P. | TEP | \$2.50 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| TGH | Textainer Group Holdings Limited | TGH | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| TMST | Timkensteel Corporation | TMST | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| TNK | Teekay Tankers Ltd. | TNK | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| TNP | Tsakos Energy Navigation Ltd. | TNP | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| TPC | Tutor Perini Corporation | TPC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |



| Security Symbol | Security Name | Option Class | Price Programs | Expiration Programs | Penny Pilot | Allocation Style | Billing Style | Exchange for Opening | Closing Time | Cloud |
|-----------------|-------------------------------------|--------------|-----------------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| TRMB | Trimble Navigation Limited | TRMB | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| TRQ | Turquoise Hill Resources Ltd. | TRQ | \$1.00, \$1.00 LTO | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| TSE | Trinseo S.A. | TSE | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| TSS | Total System Services, Inc. | TSS | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| TTC | The Toro Company | TTC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 8 |
| TTNP | Titan Pharmaceuticals Inc. | TTNP | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| TWNK | Hostess Brands, Inc. | TWNK | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| TXRH | Texas Roadhouse, Inc. | TXRH | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 8 |
| UAN | CVR Partners L.P. | UAN | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 9 |
| UGL | ProShares Ultra Gold | UGL | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 9 |
| ULTI | Ultimate Software Group Inc. | ULTI | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 9 |
| UNFI | United Natural Foods, Inc. | UNFI | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 9 |
| UNM | Unum Group | UNM | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 9 |
| UNVR | Univar Inc. | UNVR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 9 |
| URTY | Proshares UltraPro Russell2000 | URTY | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 9 |
| USAC | USA Compression Partners, L.P. | USAC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 9 |
| USAT | USA Technologies Inc. | USAT | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 9 |
| USMV | iShares Edge MSCI Min Vol USA ETF | USMV | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 9 |
| USNA | Usana Health Sciences, Inc. | USNA | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 9 |
| UWM | ProShares Ultra Russell2000 | UWM | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 9 |
| UYG | ProShares Ultra Financials | UYG | Idx Link | Standard | Yes | Price Time | Maker-Taker | NYSE Arca | 4:00 | 9 |
| VC | Visteon Corp. | VC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 9 |
| VCYT | Veracyte, Inc. | VCYT | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 9 |
| VEA | Vanguard FTSE Developed Markets ETF | VEA | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 9 |



| Security Symbol | Security Name | Option Class | Price Programs | Expiration Programs | Penny Pilot | Allocation Style | Billing Style | Exchange for Opening | Closing Time | Cloud |
|-----------------|---------------------------------|--------------|-------------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| VECO | Veeco Instruments | VECO | \$1.00, \$2.50 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 9 |
| VFH | Vanguard Financials ETF | VFH | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 9 |
| VGR | Vector Group Ltd. | VGR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 9 |
| VIV | Telefonica Brasil S.A. | VIV | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 9 |
| VLV | Valley National Bancorp | VLV | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 9 |
| VMI | Valmont Industries, Inc. | VMI | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 9 |
| VNET | 21vianet Group Inc. | VNET | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 9 |
| VNTV | Vantiv, Inc. | VNTV | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 9 |
| VOO | Vanguard S&P 500 ETF | VOO | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 9 |
| VRA | Vera Bradley, Inc. | VRA | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 9 |
| VRNT | Verint Systems, Inc. | VRNT | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 9 |
| VRSK | Verisk Analytics, Inc. | VRSK | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 9 |
| VSAR | Versartis, Inc. | VSAR | \$2.50 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 9 |
| VTTI | Vtti Energy Partners L.P. | VTTI | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 9 |
| VVUS | Vivus Inc. | VVUS | \$1.00 | Standard | Yes | Price Time | Maker-Taker | NASDAQ | 4:00 | 9 |
| WAIR | Wesco Aircraft Holdings, Inc. | WAIR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 10 |
| WAL | Western Alliance Bancorporation | WAL | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 10 |
| WCC | Wesco International | WCC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 10 |
| WCG | Wellcare Health Plan Inc. | WCG | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 10 |
| WEAT | Teucrium Wheat ETF | WEAT | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 10 |
| WEB | Web.Com Group, Inc. | WEB | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 10 |
| WEC | WEC Energy Group, Inc. | WEC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 10 |
| WEX | Wex Inc. | WEX | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 10 |
| WING | Wingstop Inc. | WING | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 10 |
| WLB | Westmoreland Coal Company | WLB | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 10 |
| WOR | Worthington Industries, Inc. | WOR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 10 |
| WPC | W.P. Carey Inc. | WPC | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 10 |



| Security Symbol | Security Name | Option Class | Price Programs | Expiration Programs | Penny Pilot | Allocation Style | Billing Style | Exchange for Opening | Closing Time | Cloud |
|-----------------|------------------------------|--------------|----------------|---------------------|-------------|------------------|---------------|----------------------|--------------|-------|
| WSBF | Waterstone Financial, Inc. | WSBF | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 10 |
| WSR | Whitestone REIT | WSR | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 10 |
| WSTC | West Corporation | WSTC | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 10 |
| WTI | W&T Offshore Inc. | WTI | \$1.00 | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 10 |
| WWW | Wolverine World Wide Inc. | WWW | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 10 |
| XEL | XCEL Energy Inc. | XEL | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 10 |
| XENT | Intersect ENT, Inc. | XENT | \$2.50 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 10 |
| XIN | Xinyuan Real Estate Co. Ltd. | XIN | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 10 |
| XYL | Xylem Inc. | XYL | Standard | Standard | No | Price Time | Maker-Taker | NYSE | 4:00 | 10 |
| YCS | ProShares Ultrashort Yen | YCS | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 10 |
| ZAGG | Zagg Inc. | ZAGG | \$1.00 | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 11 |
| ZEUS | Olympic Steel Inc. | ZEUS | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 11 |
| ZSL | Proshares Ultrashort Silver | ZSL | Idx Link | Standard | No | Price Time | Maker-Taker | NYSE Arca | 4:00 | 11 |
| ZUMZ | Zumiez Inc. | ZUMZ | Standard | Standard | No | Price Time | Maker-Taker | NASDAQ | 4:00 | 11 |

Please contact MIAX Listings with any questions.

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